



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/751,022	01/02/2004	Eric A. Portman	10022/325	3692

33391 7590 05/21/2007
ACCENTURE INDY 33391
BRINKS HOFER GILSON & LIONE
ONE INDIANA SQUARE, SUITE 1600
INDIANAPOLIS, IN 46204

EXAMINER

WIN, AUNG T

ART UNIT	PAPER NUMBER
----------	--------------

2617

MAIL DATE	DELIVERY MODE
-----------	---------------

05/21/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/751,022	Applicant(s) PORTMAN ET AL.	
	Examiner Aung T. Win	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-66 is/are pending in the application.
- 4a) Of the above claim(s) 1-35 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 36-66 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claims 36-66 filed on 04/20/2007 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 36-41, 43-52 & 54-66 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elsey et al. (US 20020055351A1) in view of Goldfinger et al (US006449344B1), further in view of Berkely et al. (US006546005B1).

1.1 Regarding Claim 36, Elsey discloses the method to provide an information assistance service to a wireless terminal [Abstract] [Summary] [Figures 1-23]. The method comprises receiving a contact information request of a subscriber terminal located on information assistance service server [Information Hub: Figure 1] [411 service: 0012 & 0055] and providing the requested contact information request of the subscriber terminal to the wireless terminal [if the requested information is not private information: 0064].

Elsey also discloses generating and transmitting an authorization request to the subscriber, called party terminal for privacy protection [Privacy protection: 0064 & 0078] [Authorization request: 0067 & 0074] [Private Information: Figure 7].

Elsey's does not explicitly teach as claimed i.e., providing requested information of the subscriber terminal in response to the authorization information received from the subscriber terminal. However it is obvious to skilled in the art that such feature is well within the scope of Elsey's information assistance method because Elsey's teaches sending authorization request to the subscriber terminal regarding the contact information request of the subscriber terminal. At the time of invention of made, 411 directory assistance service and assistance application to provide such service is also well known to one of ordinary skill in the art.

Goldfinger discloses sending authorization request to the user before sharing the user information [Column 6, Line 53-61], the feature does not explicitly teach in Elsey's directory assistance service. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention of made modify the Elsey's directory assistance service system and method as taught by Goldfinger to share private information of the subscriber terminal based on authorization response received from the subscriber terminal as claimed. One of ordinary skill in the art at the time of invention of made to do this to provide improved directory assistance system for both wireless and conventional telephone users by sharing information effectively while protecting the privacy of the user.

Modified method does not explicitly disclose claimed determining step for

Art Unit: 2617

determining a contact preference. Berkley disclose user contact information database comprising user's contact preference [Figure 2] [Ability to reach a user is subject to the user's preference: Column 8, Line 1-16] [Preferred communication option: Column 11, Line 55-Column 12, Line 35].

Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention of made to further modify the method to process the call based on subscriber contact preference as taught by Berkley. One of ordinary skill in the art at the time of invention of made to do this to process the calls efficiently and appropriately [Column 4, Line 25-30].

1.2 Claims 48 & 58 are rejected for the same reason as stated above in Claim 1 rejection. At the time of invention of made, it is obvious to one of ordinary skill in the art that modified system compries claimed computer program embodied on computer readable medium comprising code segments in order to execute the claimed steps accordingly.

1.3 Claims 59 & 66 are the system claim rejected for the same reason as rejections stated above becuase executed steps by claimed means substantially close to the corresponding steps of Claim 1. It is obvious to one of ordinary skill in the art that modified system and method teaches claimed information assistance application incorporated in the information assistance server in order to process as claimed [Else: Information Hub 10: Figure 1].

1.4 Claims 37, 38, 49, 50, 60 & 61 are rejected for the same reason as Claim 1 rejection stated above. Regarding Claims 37, 3, 14, 15, 26 & 27, modified system and method teach generating step for providing authorized private information of the subscriber terminal [See Claim 1 rejection].

1.5 Claims 39, 43, 46, 51, 54, 62 & 63 are rejected for the same reason as rejections stated above. It is obvious to one of ordinary skill in the art that modified system teaches claimed responses because Elsey teaches claimed responses comprising telephone response, SMS response, email response, facsimile response or other delivery methods (i.e., such responses read on multi-modal response) [Elsey: Abstract & Paragraph 0012, 0096].

1.6 Claim 40 is rejected for the same reason as rejections stated above because modified method is the directory assistance information providing method [See rejections above].

1.7 Regarding Claims 41, 52, 55, 57 & 64, modified system comprises the Voice Response Unit [Elsey: Paragraph 0051 & 0053] therefore the modified system teaches the claimed voice recognition module. At the time of invention of made, it is obvious to one of ordinary skill in the art that information assistance system teaches determining the identify of the user based on voice recognition module and voice print analysis

Art Unit: 2617

because modified information assistance method is based on identify of the requesting wireless terminal. Moreover, Interactive Voice Response system (IVR) system for identification users based on voice print analysis and voice recognition application is well known to skilled in the art the at the time of invention of made. Therefore, concept and advantages of such feature does not constitute the patentably distinct limitation from modified method and system.

1.8 Claims 44, 45, 47, 56, 65 is rejected for the same reasons as rejections stated above. Modified system and method teaches determining contact preference based on the contact preference information database [See Claim 36 rejections].

2. Claims 42 & 53 are rejected under 35 U.S.C. 103(a) as being unpatentable over Elsey et al. (US 20020055351A1) in view of Goldfinger et al (US006449344B1), further in view of Berkely et al. (US006546005B1) and Sugiyama et al (US006345245B1).

2.1 Regarding Claims 42 & 53, modified system and method teaches processing contact information request but does not explicitly disclose processing with Natural Language Processing module. Sugiyama teaches such claimed feature lacks in modified system [Background and Summary] for translating the transmitted information.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention of made to utilize natural language processing system as claimed to process contact information request as claimed. One of ordinary skill in the art at the

Art Unit: 2617

time of invention of made to do this to provide improved information assistance system to process the request effectively [Sugiyama: Background]


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aung T. Win whose telephone number is (571) 272-7549. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on (571) 272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Aung T. Win
Group Art Unit 2617
May 11, 2007


DUC M. NGUYEN
SUPERVISORY PRIMARY EXAMINER
TECHNOLOGY CENTER 2600